

B1570: Engine Type Signal Failure

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
HVAC control module receives invalid data of engine type signal from BCM.	<ul style="list-style-type: none"> • CAN communication circuit • HVAC control module • ECM

DTC Troubleshooting

Step	Action	Yes	No
1	Was "Air Conditioning System Check" performed?	Go to Step 2.	Go to "Air Conditioning System Check: Automatic Type".
2	Scan tool data check 1) Connect scan tool with ignition switch turned OFF position. 2) Ignition switch turned ON and select "DATA LIST" mode. 3) Check "ENGINE TYPE" displayed on scan tool. Is value of engine type signal within specified ranges indicated in "Scan Tool Data"?	Substitute a known good HVAC control module and recheck.	Go to step 3.
3	Scan tool data check 1) Check "ENGINE TYPE" displayed on scan tool. Is "CAN Err" displayed on scan tool data?	Check CAN communication circuit referring to "DTC Check in Section 1A".	Substitute a known good ECM and recheck.